

Message Text

UNCLASSIFIED

PAGE 01 CAIRO 13365 01 OF 03 111351Z
ACTION SMI-01

INFO OCT-01 NEA-10 ISO-00 FSE-00 ABF-01 OES-07 /020 W
-----093848 111451Z /42

R 111133Z AUG 77
FM AMEMBASSY CAIRO
TO SMITHSONIAN ASTROPHYSICAL OBSERVATORY/CAMBRIDGE MASS
INFO SECSTATE WASHDC 8210

UNCLAS SECTION 01 OF 03 CAIRO 13365

PASS SAO/PEARLMAN

E.O. 11652: N/A
TAGS: TPHY, OSCI, TGEN, EG
SUBJECT: SMITHSONIAN/SFCP - GRANT NO. FC70225900, "LASER TRACKING
SYSTEM AT HELWAN OBSERVATORY". DR. MOHAMED FAHIM.

1. REF. LASER RADAR TIME BASE AT HELWAN AUG. 8, 1977,
WE CHECKED THE LASER CLOCK AND WE FOUND POSSIBLE ERROR
DEPENDING ON TYPE OF SYNCHRONIZATION. SINCE AUG. 8, 1977
01.50 (43363) WE GUARANTEE THE LASER CLOCK ACCURACY WITHIN PLUS OR
MINUS TEN MICROSECONDS TO OUR CESIUM CLOCK.

2. AWAITING YOUR REQUIREMENTS FOR REPETITION RATE OF DATA
TRANSMISSION TO SAO. DO YOU REQUIRE ONCE OR TWICE A WEEK?

3. REF OUR TELEPHONE CONVERSATION OF JUNE 24, 1977,
WE DID NOT RECEIVE AS YET THE LORAN C RECEIVER TO CHECK
OUR CESIUM CLOCK.

..LASER
33333 78017 70807
65089 01052 02890 09960 33400 00000
0422374 20025 75000 01223 19120
22375 00017 25000 01206 63080
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WWEUT RPPPO OTPPP PQQOI YWYPP
WWEUT IPPWO PTPPP PQQOP IPRIP
WWEIP WPPWU YTPPP PQQIE QUOWP
WWEIP YPPWY WTPPP PQQUT UTPPP
WWEIQ PPPQU OTPPP PQQYI TQIIP
22381 40025 35000 01161 49080
22382 20022 55000 01148 05560

33333 78017 70808
65032 01097 02270 09930 33420 00000
0401311 50010 30000 00910 34760
01312 30024 60000 00900 71000
01314 30021 50000 00881 78360
01314 70025 70000 00878 91480
01315 90029 10000 00872 20560
01320 30015 40000 00870 61000
01320 70013 30000 00869 33880
01321 10013 00000 00868 39200
01321 50029 00000 00867 77200
01321 90022 70000 00867 47920
01325 90021 40000 00882 46600
01330 30015 20000 00885 76480
01330 70024 50000 00889 28920
01331 50021 90000 00897 33160
01331 90016 90000 00901 79960
01332 30018 50000 00906 56320
01332 70024 00000 00911 61480
01333 10028 50000 00916 95120
01333 50013 40000 00922 56280
01335 10019 40000 00947 70680
01335 90020 00000 00961 81480
33333 78017 70808
75027 01097 02270 09930 33420 00000
0401453 00021 25000 01059 51000
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PQRTE IPPWQ WTPPP PQPEW IYRIP
PQRTT RPPQP WTPPP PPOIQ ITOWP
PQRTT IPPQO PTPPP PPOYO YWRIP
PQRYP WPPWT ITPPP PPOTU YQYPP
PQRYP YPPQP ETPPP PPORT IRIPP
PQRYQ PPPQI TTPPP PPOER EQTYP
PQRYQ RPPWQ UTPPP PPOWE PEUWP
PQRYQ IPPWT WTPPP PPOQW PWQWP
PQRYE PPPWW ITPPP PPIIP YREYP
PQRYE RPPQP YTPPP PPIUP UUUWP
PQRYE IPPWP OTPPP PPIYQ WQOYP
PQRYR YPPWU RTPPP PPIRE PIIPP
PQRYT PPPQU TTPPP PPIER TEYIP
PQRYT RPPWI YTPPP PPIWY EEIPP
01465 80011 75000 00818 51160
01470 20015 35000 00811 05920
01470 60022 35000 00803 99480
01471 00027 75000 00797 32960
01471 80011 65000 00785 24000
01472 20011 65000 00779 83160
01472 60009 75000 00774 86160

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ACTION SMI-01

INFO OCT-01 NEA-10 ISO-00 OES-07 FSE-00 ABF-01 /020 W
-----093396 111512Z /42

R 111133Z AUG 77
FM AMEMBASSY CAIRO
TO SMITHSONIAN ASTROPHYSICAL OBSERVATORY/CAMBRIDGE MASS
INFO SECSTATE WASHDC 8214

UNCLAS SECTION 02 OF 03 CAIRO 13365

PASS SAO/PEARLMAN

01473 00030 75000 00770 33440
01473 40016 55000 00766 26600
01473 80024 65000 00762 65640
01474 20028 65000 00759 51600
01474 60010 45000 00756 85040
01475 00009 85000 00754 66400
01475 40021 85000 00752 95920
01475 80028 05000 00751 74200
01480 20011 75000 00751 01400
01480 60011 15000 00750 77600
01481 40023 65000 00751 77480
01481 80018 25000 00753 00760
01482 20012 75000 00754 72720
01483 00026 75000 00759 61280
01483 40026 05000 00762 76920
01484 20023 05000 00770 47960
01484 60019 85000 00775 01920
01485 00010 65000 00780 00280
01485 40021 65000 00785 42880
01485 80029 75000 00791 28160
01490 20014 45000 00797 54960
01490 60023 95000 00804 23080
01491 00010 75000 00811 30720
01491 40020 35000 00818 77560

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PQROQ IPPWE WTPPP PPIWY YWQWP
PQROW WPPWI QTPPP PPIER IEEWP
PQROW YPPQW YTPPP PPIRE EOUYP
PQROE PPPWQ TTPPP PPITW EQQYP
PQROE RPPQT OTPPP PPIYQ TTUWP

01493 80023 75000 00871 12960
01494 20010 35000 00881 00960
01494 60019 15000 00891 19680
01495 00012 65000 00901 67200
01495 40027 75000 00912 43480
01495 80023 15000 00923 46360
01500 20019 45000 00934 75400
01500 60014 25000 00946 29760
01501 00029 35000 00958 08800
01501 40009 75000 00970 10360
01501 80010 05000 00982 34960
01502 20029 65000 00994 81880
01502 60026 55000 01007 48680
01503 00027 05000 01020 35800
01503 80019 85000 01046 66680
01504 20014 65000 01060 09160
01504 60023 65000 01073 69160
01505 00028 55000 01087 45600
01505 40012 55000 01101 36880
01505 80015 85000 01115 44200
01510 60021 55000 01144 02000
01511 40010 75000 01173 13000
01512 20018 35000 01202 74480
33333 78017 70808
65032 01072 02860 09960 33380 00000
0419034 10028 10000 01010 17600
19040 10014 40000 00983 45560
19040 90028 40000 00974 44560
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QOPRQ EPPWT IPPPP PPOUP EQUYP
QOPRQ UPPQU PPPPP PPOYY RREYP
QOPRW QPPWW UPPPP PPOYW IWYIP
QOPRW OPPEP PPPPP PPOTY EUYIP
19043 30014 00000 00953 55080
19044 10027 80000 00948 70280
19044 50023 50000 00946 68720
19044 90019 10000 00944 94560
19045 30024 20000 00943 47920
19045 70021 00000 00942 29160
19050 10023 50000 00941 38160
19050 90030 60000 00940 40080
19051 30022 60000 00940 32880
19052 50025 30000 00941 79480
19052 90028 70000 00942 8420P

19053 30010 00000 00944 16560
19054 10023 30000 00947 64600
19054 50010 00000 00949 79560
19054 90022 80000 00952 21960
19055 30011 50000 00954 91280
19055 70025 30000 00957 87400

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PAGE 01 CAIRO 13365 03 OF 03 111331Z
ACTION SMI-01

INFO OCT-01 NEA-10 ISO-00 OES-07 FSE-00 ABF-01 /020 W

-----093468 111521Z /42

R 111133Z AUG 77

FM AMEMBASSY CAIRO

TO SMITHSONIAN ASTROPHYSICAL OBSERVATORY/CAMBRIDGE MASS

INFO SECSTATE WASHDC 8215

UNCLAS SECTION 03 OF 03 CAIRO 13365

PASS SAO/PEARLMAN

19060 10023 10000 00961 09880
19060 50028 80000 00964 58800
19061 30018 90000 00972 33760
19062 10014 50000 00981 10000
19062 50020 50000 00985 85400
19062 90028 70000 00990 85280
19063 70011 60000 01001 55760
19064 10030 50000 01007 26280
19064 50022 30000 01013 19160
19064 90015 60000 01019 34480
19065 70022 00000 01032 30880
19070 50023 70000 01046 11480
19072 10028 20000 01076 13120
19072 90026 50000 01092 27080
19073 30028 40000 01100 61160
19074 50012 70000 01126 65280
19074 90015 80000 01135 66160
19080 50026 20000 01173 24400
33333 78017 70809
65032 01077 02480 09960 33380 00000
0400504 00010 55000 00960 56120
00504 40021 55000 00959 49680

00505 20016 05000 00958 23720

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PPTPT YPPWR YTPPP PPOTI PRRPP

PPTQP IPPQO TTPPP PPOTO WPRPP

PPTQW PPPWO OTPPP PPOYW OUWIP

PPTQW RPPQP ETPPP PPOYR IPEWP

PPTQE WPPQR YTPPP PPOYO EQUYP

33333 78017 70809

75027 01077 02480 09960 33380 00000

0401343 10014 25000 00989 25360

01343 90013 65000 00997 40360

01344 30013 05000 01002 00320

01344 70012 55000 01006 94600

01345 50018 75000 01017 84400

01350 00010 75000 01025 32040

01350 40024 65000 01031 66600

01350 80023 15000 01038 32320

01351 20016 15000 01045 28800

01352 00017 15000 01060 11880

01352 80017 25000 01076 10600

01354 00023 45000 01102 14520

01355 20010 15000 01130 48920

END

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Message Attributes

Automatic Decaptioning: X
Capture Date: 01-Jan-1994 12:00:00 am
Channel Indicators: n/a
Current Classification: UNCLASSIFIED
Concepts: SCIENTIFIC GRANTS, LASERS, TRACKING STATIONS
Control Number: n/a
Copy: SINGLE
Sent Date: 11-Aug-1977 12:00:00 am
Decaption Date: 01-Jan-1960 12:00:00 am
Decaption Note:
Disposition Action: n/a
Disposition Approved on Date:
Disposition Case Number: n/a
Disposition Comment:
Disposition Date: 01-Jan-1960 12:00:00 am
Disposition Event:
Disposition History: n/a
Disposition Reason:
Disposition Remarks:
Document Number: 1977CAIRO13365
Document Source: CORE
Document Unique ID: 00
Drafter: n/a
Enclosure: n/a
Executive Order: N/A
Errors: N/A
Expiration:
Film Number: D770289-0714
Format: TEL
From: CAIRO
Handling Restrictions: n/a
Image Path:
ISecure: 1
Legacy Key: link1977/newtext/t19770873/aaaacjqo.tel
Line Count: 306
Litigation Code IDs:
Litigation Codes:
Litigation History:
Locator: TEXT ON-LINE, ON MICROFILM
Message ID: 0915a45c-c288-dd11-92da-001cc4696bcc
Office: ACTION SMI
Original Classification: UNCLASSIFIED
Original Handling Restrictions: n/a
Original Previous Classification: n/a
Original Previous Handling Restrictions: n/a
Page Count: 6
Previous Channel Indicators: n/a
Previous Classification: n/a
Previous Handling Restrictions: n/a
Reference: n/a
Retention: 0
Review Action: RELEASED, APPROVED
Review Content Flags:
Review Date: 09-Nov-2004 12:00:00 am
Review Event:
Review Exemptions: n/a
Review Media Identifier:
Review Release Date: n/a
Review Release Event: n/a
Review Transfer Date:
Review Withdrawn Fields: n/a
SAS ID: 1636687
Secure: OPEN
Status: NATIVE
Subject: SMITHSONIAN/SFCP - GRANT NO. FC70225900, "LASER TRACKING SYSTEM AT HELWAN OBSERVATORY". DR. MOHAMED FAHIM.
TAGS: TPHY, OSCI, TGEN, EG
To: n/a
Type: TE
vdkgvwkey: odb://SAS/SAS.dbo.SAS_Docs/0915a45c-c288-dd11-92da-001cc4696bcc
Review Markings:
Margaret P. Grafeld
Declassified/Released
US Department of State
EO Systematic Review
22 May 2009
Markings: Margaret P. Grafeld Declassified/Released US Department of State EO Systematic Review 22 May 2009